

Amendments to the Specification:

Please replace the paragraph beginning on page 2, line 11, with the following rewritten paragraph:

The socket may incorporate ~~and~~ at least two cylindrical contact terminals whose inner diameter will be slightly less than that of the plug's contact pins, each terminal will incorporate a longitudinal slot allowing it to deform radially when the pin is introduced.

Please replace the two paragraphs beginning on page 3, line 1, with the following rewritten paragraphs:

DETAILED-DETAILED DESCRIPTION OF PREFERRED EMBODIMENTS

With reference to Figure 1, a weapon 1 incorporates a recoiling mass 2 mounted able to slide with respect to a cradle 3. The recoiling ~~mass 3~~ mass 2 comprises a barrel that is fitted at its rear part with a breech sleeve 5, inside which the breechblock 4 is displaced. Such a weapon structure is well known to someone skilled in the art and requires no further description.

Here, the barrel 2 receives a piece of ammunition of which only the obturating base 6 is shown. This base has a primer tube (not shown), which will be, for example, of the plasma type such as described in patents FR2807610 and FR2807611. The primer is ignited by an electrical current, which reaches it via two contact elements 7a and 7b integral with the ~~base 4~~ base 6 and electrically insulated from one another.

Please replace the paragraph beginning on page 3, line 28, with the following rewritten paragraph:

The relative proportions of the connector 10 and the weapon 1 are naturally very exaggerated in Figure 1 so as to facilitate the description of the connector whilst situating it with respect to the weapon. The connector according to the invention is substantially smaller ~~that~~ than

the breechblock. A connector according to the invention, once assembled, thus forms a parallelepiped of around 200 mm x 200 mm x 100 mm.

Please replace the paragraph beginning on page 4, line 12, with the following rewritten paragraph:

The plug 11 incorporates an insulating case 18 closed by a ~~cover~~cover 19, also insulating and fastened to the case, for example, by screws. The case 18 encloses two cylindrical contact pins 20a, 20b that pass through the ~~cover~~cover 19 via openings.

Please replace the paragraph beginning on page 4, line 36, with the following rewritten paragraph:

The length of the pins 20a, 20b that extend outside the case 18 is selected to be greater than or equal to that of terminals 15a, 15b. This ~~se-asis~~is to ensure a maximal contact surface.

Please replace the paragraph beginning on page 5, line 3, with the following rewritten paragraph:

The inner diameter of terminals 15a, 15b is slightly less than ~~that~~an outer diameter of contact pins 20a, 20b of the plug 11. Moreover, each terminal 15 has a longitudinal slot 24 making it possible for it to deform radially when the pin 20 is introduced. Such an arrangement improves the quality of the electrical connection by reducing the electrical contact resistances.

Please replace the paragraph beginning on page 5, line 19, with the following rewritten paragraph:

Moreover, ~~since~~because the ~~socket~~socket 12 is integral with the recoiling ~~mass~~mass 2, the recoil of ~~said~~the ~~mass~~mass 2 during firing leads to a relative displacement of the ~~socket~~socket 12 with respect to the ~~plug~~plug 11, and thus to its disconnection.

Please replace the paragraph beginning on page 5, line 33, with the following rewritten paragraph:

After ~~loading-loading~~ and before ~~firing-firing~~, the ~~jack-jack~~ 25 is operated in the opposite direction so as to establish the connection between plug 11 and socket 12 (Figure 2). The flexibility of the pins 20 and the slots 24 in the terminals 15 provides a reliable connection and a good quality of electrical contact. The generator 9 is then activated to supply electrical energy to the ammunition via conductors 22, 17 and connector 10. The electrical characteristics of the contacts established by the connector enable the transmission of electrical power to the tune of several hundred kilo Joules enabling the ignition of a plasma igniter.

Please replace the two paragraphs beginning on page 6, line 25, with the following rewritten paragraphs:

Figure 4 shows a perspective view of a terminal 15 before being set into position in housings 27, 28. The ~~terminal-terminal~~ 15 is made of brass and the slot 24 ensures its flexibility. A conductive rod 29 is integral with the terminal 15, to which it is fastened by welding. ~~This~~The rod 29 conducts the current through the support 12a, through which it passes via a hole (not shown in Figure 3).

Figures 5a and 5b show ~~this-the~~ socket 12 assembled. Figure 5b also shows the two rods 29a and 29b, which are each integral with a terminal 15. The conductors 17a and 17b will be fastened to ~~these rod-the rods~~ 29a, 29b by welding when the socket is being mounted onto the breechblock.

Please replace the Abstract with the attached amended Abstract.